

METHOD OF CONTROLLING A DUAL CLUTCH TRANSMISSION

ABSTRACT OF THE DISCLOSURE

A method of controlling the timing of the shift events of a dual clutch transmission that includes the steps of sensing the current output speed of the transmission, determining the time required to complete each possible shift event within the transmission, and determining an output speed modification value for each possible shift event. The method also includes the steps of determining a modified shift point output speed for each possible shift event by summing the determined output speed modification value with a predetermined shift pattern output speed, and commanding the shift when the current output speed reaches the determined modified shift point output speed.